



Change History Log:

October 16, 2003

In Response Reply to: 03EDU0598

Department of Education
Student Financial Assistance

Subject: Contract # ED-99-DO-0002
Task Order 118 ITA Release 4.0
Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report

Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report – Significant Concerns					
Suggested Changes/Comments	Page	Author	Date	Change Made?	Comment
Sections 1.3 & Section 2.7 – Microstrategy is identified as an ITA Software Product in section 2.7, but this product is not mentioned in section 1.3 as a product used by any of the FSA applications identified in section 1.3. Is Microstrategy used by any FSA applications and is any ITA support needed for this product? Please add applications that use the Microstrategy product to Section 1.3.	2,7	William G. Brownlow	10/15/2003	Y	Microstrategy has been removed from the document.
Please add ED Express Basics to the list of applications that use ITA products and support. They are using and sharing IFAP and Schools Portal space, but they are a distinct application with a separate business owner and business functionality.	2	William G. Brownlow	10/15/2003	Y	Application added to the pertinent tables and sections.
Other missing applications that need to be included in this section: ezAudit, Credit Management Data Mart, PIN web site, FAFSA Demo site, Students.gov, and DL Data Mart (using Microstrategy).	2	William G. Brownlow	10/15/2003	Y/N	EzAudit, PIN, Students.gov added to the section. The remainder were not.
You explain that Exit Counseling is using WAS and IHS, but is that true? If it's just a servlet and that the servlet is not being utilized at this point in time, is it really using IHS? Some clarification on this point may be needed.	4	William G. Brownlow	10/15/2003	N	In order to access the WebSphere servlet, the request must travel through IHS.
Sections 1.3.13 & 3.2.1 – These two sections have tables listing Applications. Many, but not all, of the applications in the two tables match. Differences in specific named applications should be explained. For example, "Exit Counseling" is identified as an application that uses WAS, but such an application name does not appear in the table in section 3.2.1 for WAS testing.	6,8	William G. Brownlow	10/15/2003	N	There is no current plan to include Exit Counseling in the evergreened environments.
Section 2 – There are indications that specific ITA software products will be upgraded, but no timetable for such upgrades to indicate when upgrades and their testing are expected to be completed. More information about the reasons and value behind upgrading each of the products listed	6	Suneel Bhargava	10/15/2003	Y	The most recent ITA and FAFSA workplan will be attached to the report detailing the dates of the upgrades. In a previous deliverable regarding the software evergreening the details of the benefits and

Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report - Significant Concerns

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needs to be given. In most cases, the sentence or two explaining the reason for the upgrade was vague and doesn't document the decision-making that went into the evergreening decisions and plans. This whole section should be more comprehensive at capturing details about how and why decisions were made, and the value that the upgrades provide to the enterprise and to the application teams using the products.					the reasons for upgrading was provided.
The RCS should be listed and explained in this section. Describe new RCS components that were developed, and enhancements that were made to existing components.	-	William G. Brownlow	10/15/2003	N	The RCS components are not in the scope of this document.
There is no mention of the hardware refresh in this document. Even though CSC and IT Services are driving this effort, the impact of the server refresh, and especially the decision to migrate all applications, systems, and products from Sun to HP should be described in detail. Recommend adding another section just for this topic, or adding an additional paragraph after each product listed in Section 2 explaining the plan, schedule, and impact of the hardware refresh on that particular product. Also provide information about value or other benefits gained.	-	Suneel Bhargava	10/15/2003	N Y	Hardware upgrade is not part of the software evergreening effort. The last section 4.1 now includes mention of the applications that have been converted to WAS 5.0
Section 2.1 - You might do more explanation on how WAS 5.0 is dependent on upgrading to this version at a minimum. That point is loosely made. Also you might explain in this section why the decision was made not to upgrade to IHS 2.0.	7	William G. Brownlow	10/15/2003	Y	
Section 2.2 - I don't understand the first sentence, "The IBM WAS manages, deploys, programs, and integrates development like IBM's WebSphere." How does WAS integrate development like WAS?	7	William G. Brownlow	10/15/2003	Y	Sentence Fixed.
Section 2.3 - No mention is made of our decision to move to CSS. Information about the differences between the two products, why the decision was made to replace eND with CSS, and our plans and schedule for swapping out the two technologies, and our testing methodology. You might clarify that the final decision will be made based on outcome of tests being conducted in the FAFSA 8.0 Performance Test. Recommend adding another section on CSS.	7	Suneel Bhargava	10/15/2003	Y	The eND upgrade was completed in late December of 2002. The decision to migrate to a hardware (CSS) solution as opposed to a software based solution (eND) does not fall into the category of evergreening. However a line indicating that the move to CSS is underway has been added.
Section 2.4 - This would be the place to document enhancements that the ITA conducted, such as the Interwoven JSP Deployment scripts and procedures.	7	William G. Brownlow	10/15/2003	N	The enhancements of Interwoven are not in the scope of this document.
When will the current version of Interwoven expire? Please clarify.	7	William G. Brownlow	10/15/2003	N	There is no expiration yet published of the version.
Sections 2.6, 3.2.4, & 3.3.4 - These sections	8, 10,	Suneel	10/15/2003	Y	Section 3.3.4 now includes

Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report - Significant Concerns

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indicate that Autonomy may be replaced, but there is no indication when this might happen. Also, you didn't mention that the DRE was upgraded, and what types of work the ITA team has been doing to stabilize the DRE.	12	Bhargava			mention of the DRE upgrade that was implemented this past summer.
Recommend adding another section on Google. In this section you should document the architecture, the plan and schedule for rewriting the RCS to support Google, the development of the prototype for testing purposes, the testing methodology, and that the decision to move with Google will be based on the outcome of the tests and with customer input. Then some explanation about the effort involved in migrating applications to Google.	-	Suneel Bhargava	10/15/2003	N	The Google switch is not considered to be part of the Software upgrades. Rather it is product replacement.
Section 2.7 - Why is the current version the required version? What makes it required?	8	William G. Brownlow	10/15/2003	N	The current version equal to the required version indicates an upgrade that is already complete
Section 2.8 - Table lists Solaris as an ITA software product, but there is no description about this product. Furthermore there is no indication that it is used by any FSA applications and no indication that ITA provides support for Solaris. There is no indication that there is any need or plans to upgrade Solaris.	8	William G. Brownlow	10/15/2003	Y	It has been removed from the document.
Section 3 - Eight (8) ITA software products are identified (in Section 2), but tests for upgrading only 3 products of these products are identified (in Section 3). It is indicated that some of the 8 products have already been upgraded. Where is the information about the timelines and testing and/or test results for all 8 products?	9	William G. Brownlow	10/15/2003	N	The test results for the other applications are not listed here as they depend upon the individual applications to test them.
Section 3.2 - There is no indication about the status of any of the described tests. Also please ensure that your use of past, present, and future tenses is clear throughout this section, and document as a whole. Also suggest adding references to the test plans for more detailed information about test plans and results.	9, 10	William G. Brownlow	10/15/2003	Y	
Add details about status of migration of each application to the new environments.	10	William G. Brownlow	10/15/2003	Y	
Section 3.2.1 and 3.2.2 - The meaning of the sentence, "This test application was operational once the installation of WebSphere Application Server was complete" is unclear.	9	William G. Brownlow	10/15/2003	Y	Case corrected.
Recommend adding some additional explanatory text before the two tables (test condition and test URL), explaining how to use them. I was confused when I clicked on the links and was expecting to see the WAS 5.0 or IHS test area, and instead I was taken to each application as it exists in production.	9, 10	William G. Brownlow	10/15/2003	N	These links will be valid when the upgrades are complete for production. These upgrades have not been completed yet, so they links are not valid yet.
Section 3.2.3 - Recommend adding explanation of enhancements to JSP Deployment scripts and procedures.	10	William G. Brownlow	10/15/2003	N	The enhancements of Interwoven are not in the scope of this document.



Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report - Significant Concerns

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Section 3.2.4 – Recommend adding some additional text about DRE upgrade that was conducted.	10	William G. Brownlow	10/15/2003	Y	
This would be the place to go into detail about the plans and methodology for testing and migrating to Google.		Suneel Bhargava	10/15/2003	N	Google is not a part of the upgrade activity.
Section 3.3.3 – Change “OpenDelpoy” to “OpenDeploy” in second bullet.	11	William G. Brownlow	10/15/2003	Y	
Mapping to Baseline Plan: There was a previously published document entitled, “ITA Evergreening Strategy FY2003” that discusses major upgrade plans. That previous document is not referenced by this new evergreening document, nor is a mapping between the two documents provided to indicate matches/mismatches between planned and actual upgrade details. Information should be provided that explains if and why there were deviations to the original plan.	-	Suneel Bhargava	10/15/2003		The mapping is not provided as the workplan at the time of the initial Evergreening Strategy document was a work in progress. The workplan in this effort took on an evolutionary phase accounting for adjustments due to other coinciding efforts at the VDC.
This document continues to be labeled as Version 1.0 and dated August 30, 2003, but was actually delivered on October 20, 2003.	Title	William G. Brownlow	10/30/2003	Y	
Twenty-eight (28) review comments were provided for the previous version of this document. Less than half of these comments resulted in any changes to the document. In particular, at least fifteen (15) review comments were not addressed with any document changes. Various reasons were given for not making changes including response comments such as “out of scope”. The review comments that were addressed often involved deleting text or correcting simple errors. Much of the text in this new version is identical to that in the previous version. A little additional material was added; however, new errors were introduced.	All	Suneel Bhargava	10/30/03	Y	The revised document will address the open issues. Some of the comments are requesting information of work that is not a part of the Evergreening initiative for instance Google. Thus those areas that are not within the scope have been identified as such and will not be included as a part of this deliverable.
Table of Contents and Section 1.2 – Sections 4 and 4.1 were added at the end of this document, but are not listed in either the Table of Contents or in Section 1.2. Table of Contents lists Section 2.7 Microstrategy, but this section has been deleted and Section 2.8 has been renumbered to 2.7. Table of Contents and Section 1.2 should be updated to reflect the actual contents of the document.	All	William G. Brownlow	10/30/2003	Y	Table of Contents has been updated
Previous Section 1.3.4 – Discussion about FP Data Mart has been removed from this new version. Is this application no longer supported?		William G. Brownlow	10/30/2003	N	This product is not covered by the ITA Team and is out of the scope of this document.
Section 1.3.15 – Statement “Student.gov is a access point ...”. Change “a” to “an”.		William G. Brownlow	10/30/2003	Y	
Section 1.3.16 Table – Change “eZaudit” to “ezAudit”.		William G. Brownlow	10/30/2003	Y	
Section 2 – It is stated in the Change History Log “The most recent ITA and FAFSA		Suneel Bhargava		Y	The Workplan is included in the most recent submission

Deliverable 118.1.5 - ITA Product Evergreening Build & Test Report - Significant Concerns

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workplan will be attached to the report ...". No such attachment is referenced in the document nor was found.					
Sections 2.5 and 2.7 table - Informatica is identified, but this product is not mentioned elsewhere in this report. There is no indication that this product is supported or used by any applications.		Suneel Bhargava	10/30/03	Y	Informatica is not being evergreened and this comment has been added into the report.
Sections 3.2.1 and 3.2.2, 2nd tables - URL http://www.ombudsman.ed.gov/ is identified for Ombudsman in one table but URL is marked as none in the other table. The referenced Ombudsman URL is for a user home page and does not provide any indicated links to tests.		William G. Brownlow	10/30/2003	N	The links provided in this table are to ensure that the websites are up, and not as a test of the functionality of the application.
Sections 3.2.1 and 3.2.2, 2nd tables - This document continues to be very misleading with respect to listed URL sites. None of the URL references actually provide direct access to test conditions and it is not clear if any of these sites, for using various applications, will ever provide access to information such as test conditions. These sites appear to be designed for use by end-users rather than for application development and maintenance information.		William G. Brownlow	10/30/2003	N	The links provided in this table are to ensure that the websites are up, and not as a test of the functionality of the application.
Section 3.2.4 - Delete "and consequently".		William G. Brownlow	10/30/2003	Y	
Section 4.1 - Statement "The following applications have been successfully upgraded to run on WebSphere 5.0: ...". Section 2.2 states "IBM Websphere Application Server will be upgraded to the selected version of 5.0". How can it be known that specific applications have been successfully upgraded, if the upgrade to 5.0 has not been completed (as indicated by the words "will be upgraded")?		William G. Brownlow	10/30/2003	Y	The verb tense was updated to properly reflect the status of the project.
Section 4.1 - FSA Coach is listed as successfully upgraded to run on WebSphere 5.0, but Section 1.3.4 does not list WebSphere as supported for this application.		William G. Brownlow	10/30/2003	N	FSA Coach has been upgraded to work within the WebSphere 5.0 environment, which includes an upgrade to IHS.
Section 4.1 - 3 applications are listed, but what about the following applications that also use WebSphere? <ul style="list-style-type: none"> Exit Counseling FAFSA on the Web FSANet IFAP School Portal Students & Financial Partners Portal EDEExpress Basic EzAudit PIN Site Student.gov 		William G. Brownlow	10/30/2003	N	The other applications are not being converted by the ITA team and are therefore outside of the scope of this document.



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